LORENZO DELMONTE

Milan, Italy
Website | Email | LinkedIn | GitHub

Experience

Web Developer (React) — Dec 2025 - Present
BlackSwanQuants — *Milan, Italy (Remote)*

Development and maintenance of the organization's official website using powerful and up-to-date technologies, improving User Interface & User Experience.

- Built modular and reusable UI components to display the organization's key information
- Implementation of a fully responsive design to ensure consistency across all platforms

Python Developer — Mar 2021 - Dec 2025
Safebets Surebet Academy — *Milan, Italy (Remote)*

Developed a bot that fetches betting odds from a private database.
When a mathematical arbitrage is detected between two betting websites, it sends a message on multiple channels with the relevant information based on client filters.

- Use of public, private, and paid endpoints to gather betting data
- Implementation of a native caching mechanism to avoid duplicates
- Continuous development: multiple new features and bug fixes every year
- Customer communication for technical needs and product improvement

Telegram Bot & Back-end Developer — Sep 2019 - Present
Freelance — *Milan, Italy (Remote)*

Delivered custom automation solutions tailored to the client's needs, managing both the technical and business aspects. Used different tech stacks and shaped my coding style based on the existing architecture, if any.

- Integration of various APIs: from IMEI data to anime, music analytics, and betting
- Managed development, deployment, and hosting
- Oversaw the full lifecycle: sales, coding, delivery, and support

Projects

Music Downloader Bot — Jan 2019 - Dec 2024 (sold)
Telegram Bot for downloading music using Deezer APIs

- 480k total users and 7.5m total downloads at the time of sale
- Implementation of a native queue system with priority options
- Implementation of a payment processor for premium features
- Better understanding of encryption and decryption techniques

Spotipy2   Nov 2020 - Jul 2023
Asynchronous Spotify web API wrapper for Python 3.7+

– Development of a fully asynchronous Python client interface

– Implementation of a caching mechanism using MongoDB

– Implementation of a CI/CD pipeline via CodeQL, Netlify, and PyPi

– Automatic generation and upload of new documentation on release

Skills

Development: Python, Back-end Development, Web Services, API Development

Education

Politecnico di Milano - Ongoing   Sep 2024 - Jul 2027
Bachelor's Degree in Computer Engineering   *Milan, Italy*

Liceo Scientifico "Elio Vittorini"   Sep 2019 - Jun 2024
High School Diploma, Scientific Track   *Milan, Italy*

Volunteer Experience

Qualified Youth Alpine Guide   Jan 2024 - Present
Club Alpino Italiano - Sezione di Milano   *Milan, Italy*

The most important Italian alpine organization, non-profit.
Currently contributing to the youth alpinism branch (11-18 years old) by:

– Offering guidance during hiking or climbing activities

– Providing environmental education and coordinating outdoor activities

– Designing and implementing educational games and programs

– Coordinating with other volunteers in every aspect of its organization